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NEWS 5 MAY 21 BIOSIS reloaded and enhanced with archival data

NEWS 6 MAY 21 TOXCENTER enhanced with BIOSIS reload

NEWS 7 MAY 21 CA/CAplus enhanced with additional kind codes for German patents

NEWS 8 MAY 22 CA/Caplus enhanced with IPC reclassification in Japanese patents

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NEWS 15 JUL 02 CHEMCATS accession numbers revised

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NEWS 17 JUL 16 CAplus enhanced with French and German abstracts

NEWS 18 JUL 18 CA/CAplus patent coverage enhanced

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NEWS 22 AUG 06 BEILSTEIN updated with new compounds

NEWS 23 AUG 06 FSTA enhanced with new thesaurus edition

NEWS 24 AUG 13 CA/CAplus enhanced with additional kind codes for granted patents

NEWS 25 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records

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=> vanadium or V

165942 VANADIUM

31 VANADIUMS

165946 VANADIUM

(VANADIUM OR VANADIUMS)

1119308 V

L1 1200062 VANADIUM OR V

=> silver or Ag

338462 SILVER

140 SILVERS

338517 SILVER

(SILVER OR SILVERS)

323185 AG

5487 AGS

326981 AG

(AG OR AGS)

L2 477438 SILVER OR AG

=> bronze

28469 BRONZE

5710 BRONZES

L3 29405 BRONZE

(BRONZE OR BRONZES)

=> 11 (1) 12

L4 34533 L1 (L) L2

```
=> 13 (1)14
           263 L3 (L)L4
L5
=> (titanium dioxide) or TiO2
        510960 TITANIUM
            79 TITANIUMS
        510969 TITANIUM
                 (TITANIUM OR TITANIUMS)
        500631 DIOXIDE
          6790 DIOXIDES
        502345 DIOXIDE
                 (DIOXIDE OR DIOXIDES)
         44487 TITANIUM DIOXIDE
                 (TITANIUM(W)DIOXIDE)
        168832 TIO2
        185656 (TITANIUM DIOXIDE) OR TIO2
L6
=> 15 (1)16
             4 L5 (L)L6
L7
=> d 17 1-4 ti fbib abs
     ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
L7
     Catalyst having a silver-vanadium oxide phase and a promoter phase
ΤI
AN
     2005:1075699 CAPLUS
DN
     143:349038
ΤI
     Catalyst having a silver-vanadium oxide phase and a promoter phase
     Neto, Samuel; Rosowski, Frank; Storck, Sebastian; Bauer, Stefan
IN
     BASF Aktiengesellschaft, Germany
PA
SO
     PCT Int. Appl., 25 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     German
FAN.CNT 1
                         KIND
                                            APPLICATION NO.
                                                                   DATE
     PATENT NO.
                                DATE
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                         ____
                                ------
     _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
                                          WO 2005-EP3179
     WO 2005092496
                                20051006
                                                                    20050324
                         A1
PΙ
             AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
             SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
             MR, NE, SN, TD, TG
                                            DE 2004-102004014918A 20040326
                                            DE 2004-102004014918
     DE 102004014918
                          A1
                                20051013
                                                                    20040326
                                            EP 2005-728204
                                                                    20050324
     EP 1735093
                          A1
                                20061227
             AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR
                                            DE 2004-102004014918A 20040326
                                            WO 2005-EP3179
                                                               W
                                                                    20050324
                                            CN 2005-80009783
     CN 1938086
                          Α
                                20070328
                                                                    20050324
                                            DE 2004-102004014918A 20040326
                                            WO 2005-EP3179
                                                               W 20050324
     The invention relates to a catalyst, which contains a phase A and a phase
AB
     B in the form of three-dimensionally extended delimited areas, phase A
     being a silver-vanadium oxide-bronze and
     phase B being a mixed oxide phase based on titanium
     dioxide and vanadium pentoxide. The catalyst is used
     for producing aldehydes, carboxylic acids and/or carboxylic acid
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anhydrides from aromatic or heteroarom. hydrocarbons by gas-phase oxidation in higher yields and good selectivity.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

- L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
- TI Harmful influence of metals on leather and corrosion of metals by leathers
- AN 1967:105920 CAPLUS
- DN 66:105920
- TI Harmful influence of metals on leather and corrosion of metals by leathers
- AU Ondracek, Jaroslav; Skoch, Jan; Knotkova-Cermakova, Dagmar; Reha, Zdenek
- CS State leather Allied Trades Inst., Otrokovice, Czech.
- SO Kozarstvi (1966), 16(11), 332-5
- CODEN: KOZAAT; ISSN: 0023-4338
- DT Journal
- LA Czech
- Corrosion of metals by leather and deterioration of leathers by metals AB were studied. Salted hides are attacked by Fe, Cu, and their salts during transportation. Vegetable-tanned leather is attacked by Fe and less by Sn, Cu, B, Zr, and V compds. No corrosion by Pb, Ag, Mn, Cd, Mo, Ce, As, Ni, Cr, and Ti compds. was observed. This also holds true for finishing pigments. Yellow Cr pigments should be replaced by Cd pigments. Bronze pigments used for gold finishes on leather in nitrocellulose lacquers should have a low acidity. Cu-Al (94-6) alloy powders are corroded by N oxides obtained by nitrocellulose oxidation It is, therefore, best to use Al powders dyed by Sudan, Savinyl, or Neozapon Fast dyes or to use pure Au foil. White leathers finished by TiO2 pigments can be soiled, as hard TiO2 abrades metals attached to leather. The content of aggressive components in H2O extract of leather (pH, Cl-, SO4-, and HCHO) has been determined Metals have also been wrapped in different leathers tested for 28 days at 100% relative humidity at 35° in closed 1000-ml. bottles. Seven- and 3-day heating for 5 hrs. to 45° has been applied. Cl- is generally responsible for corrosion. White side upper leather with corrected grain with resin-casein finish and unfinished; finished and unfinished beige box-calf; and soft finished and unfinished side-upper leather were tested. The H2O exts. have pH's of 4.4-5.4. The Cl- contents in mg./dm.2 were 1.3, 1.4, 29.8, 9.4, 10.7, and 11.0, resp. The SO4-contents were 75.8, 56.7, 18.4, 14.4, 25.7, and 22.0 and the HCHO contents were 5.0, 0, 0.5, 0, 0.5, and 0, resp. Corrosion of Fe, Zn, and brass were 5.7, 1.66, 1.77; 6.1, 2.2, 1.27; 4.8, 2.35, 0.2; 8.6, 11.3, 0.28; 3.6, 3.78, 0.88; and 3.1, 6.76, and 0.72  $\gamma$ , resp., for the 6 leathers. Finished leather corrodes less in all cases.
- L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
- TI Sintering metal powder alloys of Cu-Cd and Ag-Cd
- AN 1965:14235 CAPLUS
- DN 62:14235
- OREF 62:2571b-d
- TI Sintering metal powder alloys of Cu-Cd and Ag-Cd
- AU Al'tman, A. B.; Bystrova, E. S.
- SO Poroshkovaya Met., Akad. Nauk Ukr. SSR (1964), 4(4), 21-7
- DT Journal
- LA Unavailable
- Conditions for preparing Cu-Cd (99% Cu, 1% Cd) and Ag-Cd (76.5% Ag-23.5% Cd) alloys by sintering were studied. Cd bronzes were tested as elec. contacts. Mixts. of Cu and Cd (1-20%) or Cd (0.5-10%) added to Al2O3 or TiO2 in the presence of Ar (2-3 atmospheric) at 1173°K. decreased vaporization of Cd. Ag-Cd prepared from pressed Ag and CdO powder in an acid atmospheric (1173°K.) was repeatedly heated at 773°K. to reduce CdO and obtain a solid solution of Ag-Cd. Pressed samples (porosity 30%) were heated in H (673-723°K.) with no loss in weight Above 773°K., vaporization of Cd increased rapidly. At 873-973°K., the sp. elec. resistance decreased while the d.

increased. The alloy became completely polyhedral. Elec. contacts made from Cd bronze were tested for wear resistance at a potential of 110 v., 6% active load, and frequency of 600 contacts/hr. at 150,300, and 560 amp.

- L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
- TI American Society for Testing Materials, Standards
- AN 1937:19270 CAPLUS
- DN 31:19270
- OREF 31:2705d-i,2706a-i,2707a-f
- TI American Society for Testing Materials, Standards
- SO (1936), (two parts), 2375 pp.
- DT Journal
- LA Unavailable
- cf. C. A. 28, 1792.6. Stds. are given for structural and rivet steel; AB mild-steel plates; Si steel; boiler steel including plates; steel and steel plates for welding; concrete-reinforcement steel bars and wire; com. bar steels; steel rails, spikes, splice bars, tie plates and track bolts; spring steel and springs including spring bars of Si-Mn steel, Cr-V steel, C steel and C steel with special Si requirements; C- and alloy-steel blooms, forgings and axles; steel wheels and tires; alloy-, Cand austinitic Mn-steel castings; steel and Fe tubes and pipes and galvanized steel pipe; steel for high-temperature service including valves, flanges, fittings, bolting material and pipe; Zn-coated Fe or steel wire, fence fabric, sheets, plates and bars; testing of weight and uniformity of Zn coatings on Fe or steel; determination of weight of coating on Sn, terne and Pb-coated sheets; safeguarding against and detection of embrittlement of hot-galvanized structural steel products; definitions of heat-treatment operations of ferrous metals; wrought-Fe bars, blooms, forgings, pipe and sheets (Zn-coated and uncoated); stay-bolt wrought Fe; Fe and steel chain; terms relating to wrought Fe; pig Fe; Fe castings including valves, flanges, pipe fittings, locomotive cylinders and soil pipe; malleable-Fe castings; arbitration test bar and tension-test specimen for cast Fe; ferro-Cr, -Mn, -Mo(standard-grade and low-C), -Si, -W and -V; Mo salts and compds.; spiegeleisen; magnetic properties of Fe and steel; terms relating to magnetic testing; Al ingots for remelting; lake and electrolytic Cu wire bars, cakes, slabs, billets, ingots and ingot bars; fire-refined Cu other than lake; brass and bronze including Albronze castings, Cu-Sn-Zn alloy castings and Mn-bronze ingots and castings; Cu boiler tubes, stay-bolt bars, pipe and firebox plates; brass boiler tubes, pipe, rod and sheet; cartridge brass; Muntz metal condenser-tube plates; admiralty, brass and Muntz metal condenser tubes and ferrule stock; nonferrous insect-screen cloth; Cu wire and cable including tinned Cu wire for rubber insulation; Cu rods for wire drawing; pig Pb; Ni; brazing solder; Ag solder; solder metal; white metal; Zn; deoxidizers including Al, phosphor Cu, phosphor Sn and Si-Cu; Ni-Cr and Ni-Cr-Fe alloys for elec. heating elements; methods of testing metals for elec. heating; test for resistivity; test for temperature-resistance consts. of alloy wires; test for thermoelec. power for alloys; grain-size chart for classification of steels; preparation of micrographs of metals and alloys; metallog. testing; thermal anal. of steel; radiog. testing of metal castings; terms relating to metallog. and methods of testing; Brinell- and Rockwell-hardness and tension testing of metals; verification of testing machines; terms relating to sp. gr.; portland cement including sampling and testing; natural cement; CaO and Ca(OH)2 for structural purposes, for manufacture of silica brick, for water treatment, for cooking of paper rags and for use in the textile ind.; CaO for manufacture of sulfite pulp; Ca(OH)2 for manufacture of varnish; anal. of limestone, CaO and Ca(OH)2; sampling, inspection, packing and marking CaO and its products; terms relating to lime; gypsum including that for dental plasters; gypsum tile, plasters, lath, sheathing board and wall board; Keene's cement; testing of gypsum and gypsum products; terms relating to the gypsum ind.; building, paving and sewer brick from clay or shale, concrete and sand-lime; testing of brick; tests for absorption, apparent sp. gr. and shear of building stone, for modulus of rupture and modulus of elasticity of building stone

and slate, and for water absorption of slate; building tile of concrete and of structural clay; sampling and testing and terms relating to structural-clay tile; clay fire brick for malleable furnaces, annealing ovens and boiler service; ground fire clay; refractories for incinerators; tests for porosity, volume and linear changes and spalling of refractory materials; test for pyrometric cone equivalent of fire clay and fire brick; test for particle size of ground refractory materials; chemical anal. of refractory materials; terms relating to refractories; drain tile; sewer pipe of clay and of concrete; concrete and concrete aggregates including the curing of portland-cement concrete; Na silicate for curing concrete; sieve anal. of, and tests for unit weight and absorption by, aggregates for concrete; test for cement content of concrete; specimens and tests for compression of concrete; test for organic impurities in sands for concrete; securing specimens of hardened concrete from the structure; tests for strength, surface moisture and voids in fine aggregate; the term sand; fire tests of building construction and material; foundry coke; gas and coking coals; sampling and anal. of coal and coke; tests for size and cu.-ft. weight of coal and coke; test for volume of cell space of lump coke; shatter and tumbler tests for coke; terms relating to coal and coke; wooden paving blocks; tests of and terms relating to timber; timber preservatives including creosote and its solution with coal tar; sampling and testing creosote; volume and sp.-gr. correction tables for creosote, coal tars and their solns.; anal. of Zn chloride; Al powder; goldbronze powder; bone black; chrome green; chrome yellow; mineral iron oxide; lampblack; lithopone; ocher; para red; Prussian blue; red lead; Ti-Ba pigment; Ti-Ca pigment; TiO2; toxic ingredients in anti-fouling paints; ultramarine blue; basic carbonate and basic sulfate white lead; Zn oxide; Zn sulfide; determination of acetone extract in lampblack and

bone black; test for alkalinity or acidity of pigments; determination of polishing

lubricant in Al powder; test for bleeding of pigments; test for particles and skins in pigments and vehicles; test for hygroscopic moisture in pigments; anal. of Cu2O, red lead and HgO; tests for oil absorption and sp. gr. of pigments; test for tinting strength of pigments or pastes; anal. of pigments including Ti pigments and white and various colored pigments; anal. of white linseed-oil paints; boiled and raw linseed oil; perilla oil; tung oil; turpentine and its sampling and testing; shellac and its sampling and testing; determination of toluene-insol. matter in rosin; testing of oleoresinous varnishes; lacquer and lacquer materials including acetone, AmOAc, AmOH, benzene, BuOH, BuOAc, Bu propionate, Et lactate, Et acetate, monobutyl and monoethyl ethers of ethylene glycol (and the acetate ester of the monoethyl ether), soluble nitrocellulose, toluene, tritolyl phosphate and xylene; sampling and testing of lacquer solvents and diluents; glazing putty; anal. for color characteristics of paints; terms relating to paint; determination of autogenous ignition temps. of petroleum

products; tests for burning quality of oils; tests for C residue of petroleum products and for cloud and pour points; test for dilution of crankcase oils; distillation tests of petroleum and its products; test for steam

emulsion of lubricating oils; tests for flash and fire points; testing of gas oils; determination of sp. gr. of petroleum products; anal. of grease; determination

of gum content of gasoline; tests for m. p. of paraffin wax and petrolatum; precipitation number of lubricating oils; test for saponification number; sampling

petroleum and its products; detection of S and S compds. in gasoline and petroleum oils; test for thermal value of fuel oil; viscosity test; volume correction table for petroleum oils; tests for water and sediment in petroleum products; road materials including granite blocks, CaCl2 and its anal., cement grout filler, cement mortar bed, coal-tar pitch for stone-block filler, gravel, sand, slag and stone; test for abrasion of rock; tests for bitumen and CCl4-soluble bitumen; decantation tests for clay and silt in gravel and for sand and other fine aggregates; tests for

oj.

distillation, penetration, softening point and ductility and float test for bituminous materials; test for separation of liquid asphaltic products; test for

loss on heating of oil and asphaltic compds.; mech. anal. of broken stone, slag, sand and their mixts. as highway materials; determination of moisture equivalent

of subgrade soils; test for residue of specified penetration; sampling bituminous materials, stone, slag, gravel and sand; softening point of tar products; sp. gr. of asphalts, tar pitches, road oils, road tars and asphalt cements; test for toughness of rock; terms relating to materials for roads and pavements; waterproofing and roofing materials including asphalt- and coal-tar-saturated asbestos and roofing felt, asphalt mastic, bituminous grout and burlap and cotton fabrics saturated with bituminous substances; testing bituminous materials and protective coatings and fabrics saturated with bituminous substances; anal. of roofing felt for fiber composition; testing of oils, porcelain, molded materials and mica for elec. insulation; test for resistivity of elec .- insulating materials; rubber fire hose; rubber gloves and matting for use around elec. apparatus; anal. and hardness and other tests of rubber and rubber products; textile testing machines; cotton duck; cotton goods for rubber and pyroxylin coatings; Osnaburg cement sacks; cotton tape for elec. purposes; tire cord and chafer fabrics; enameling duck for the tire ind.; asbestos roving and tape for elec. purposes; asbestos yarns; jute sugar bags; holland cloth; methods of testing textile fabrics including shrinkage; determination of

relative

humidity; tests and tolerances for knit goods, cotton yarns and threads, hose and belt ducks, cotton fabrics, tubular sleeving and braids, tire fabrics and cord, and woolen and worsted yarns; estimating hard scoured wool in wool in the grease; thermometers for general use and for Engler viscometers; screens and sieves for testing purposes; verification of testing machines; terms relating to methods of testing; and terms relating to sp. gr.

=> logoff hold COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	33.04	33.25
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.12	-3.12

SESSION WILL BE HELD FOR 120 MINUTES
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## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2038897	silver or Ag	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L2	2885472	vanadium or V	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L3	51375	bronze	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L4	60	"0027753"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L5	97	L1 near10 L2 near10 L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L6	0	L5 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L7	871557	oxidiz\$ or oxidat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L8	791608	Ti or titanium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L9	4781	L2 same L8 same support	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L10	391	(502/347).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/22 06:38
L11	134537	(Titanium adj dioxide)or TiO2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38

8/22/07 8:35:17 AM Page 1

## **EAST Search History**

			· · · · · · · · · · · · · · · · · · ·			,
L12	4205	(Vanadiium adj pentoxide) or V2O5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L13	1120	L11 same L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L14	110773	L2 same L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L15	0	L5 same L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L16	3534304	support	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L17	1	L5 and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L18 ·	1	L8 and L17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L19	1	"4203906".PN.	USPAT; USOCR	OR	ON	2007/08/22 06:38
L20	1	("6849574").URPN.	USPAT	OR	ON	2007/08/22 06:38
L21	33	L5 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L22	2	("5169820").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/22 06:38
L23	88	L13 same L16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L24	2	("6528683").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/22 06:38

## **EAST Search History**

L25	9279	(Vanadium adj pentoxide) or V2O5	US-PGPUB;	OR	ON	2007/08/22 06:38
	,	(variation adj pentoxide) or v203	USPAT; EPO; JPO; DERWENT			2007/00/22 00.30
L26	1597	L11 same L25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L27	72	(562/888).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/22 06:38
L28	81	(562/415).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/22 06:38
L29	213	(568/431).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/22 06:38
L30	348	L29 or L28 or L27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L31	1	L5 and L30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L32	4	L5 and L26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 06:38
L33	1	((silver or Ag) and ((vanadium or V) adj pentoxide) and bronze and ((titanium adj dioxide) or TiO2) and (Carboxyl\$ or aldehyde or anhydride)). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 07:58
L34	1	((silver or Ag) and ((vanadium or V) adj pentoxide) and bronze and ((titanium adj dioxide) or TiO2) ).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 07:58
L35	1	((silver or Ag) and ((vanadium or V) adj pentoxide) and bronze and ((titanium adj dioxide) or TiO2)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/22 07:58